



Early Actions Related to County Services

Category	Program/Action Name	Description	Short-Term Action Needed	Funding Status
Capital Improvement Projects	White River Acquisition	The Rivers Section has successfully obtained FEMA disaster funding to purchase flood prone areas instead of implementing repair projects in the lower White River. Sites in the serve as significant off-channel rearing and refuge. ICRID funding is also being utilized to respond to a willing seller of 72 acres along the White River adjacent to the downstream boundary of the Muckelshoot Indian Tribe Reservation.	The appraisal of this property has been completed and a purchase and sell agreement is expected to be completed in the next 2 months.	F
Capital Improvement Projects	Sammamish River Transition Zone Section 7 Consultation (Completed 11/31/99)	This project would increase channel conveyance and at the same time improve instream and habitat complexity and riparian habitat through a combination of channel modifications, LWD introduction and revegetation. The Corps role in the project is to review the hydraulic analysis (currently being prepared by staff of the WTD Engineering and Environmental Services Section, in a timely fashion so the project can be built in 1999. Rivers Section staff are hopeful that after completion of the project no further Transition Zone vegetation removal will be required.	Initiate review of project.	F
Capital Improvement Projects	Non-structural Focus to Flood Hazard Reduction	As part of the Rivers Section's efforts to revise its program to aid in the conservation and recovery of listed species, it is anticipated that a greater focus will be placed on non-structural alternatives to flood hazard reduction. The adopted Flood Hazard Reduction Plan recommended purchase of over 345 privately-owned structures with a history of significant flood damage. To aid in the conservation and recovery of listed species, however, the Rivers Section should seek additional funds so that efforts to purchase undeveloped riverine floodplains can be undertaken to the maximum extent possible. The inventory effort will allow the Rivers Section to develop new alternative recommendations for all county-maintained river facilities.	Conduct inventory, identify and secure needed funding.	N

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SOLID WASTE MANAGEMENT				
Policies	Surface Water Pollution Prevention Plans for Transfer Stations & Landfills	Implementation of Best Management Practices and monitoring to control quality of runoff leaving sites.	None - ongoing	F
Monitoring	Ground Water Monitoring	Ground Water Monitoring to insure that ground water quality is not adversely impacted from closed and active landfills. Groundwater which may ultimately recharge local streams and other water bodies is monitored.	None - ongoing	F
Monitoring	Construction and Demolition Debris Enforcement	Monitoring of CDL waste stream to insure it is appropriately directed and not illegally deposited where it could adversely affect water quality.	None - ongoing	F
Facility Maintenance	CH Landfill New Area Development and Closures.	Design, construction, operation, and closure of landfill capacity to insure that refuse is handled in a manner which will not adversely impact surface and ground water quality.	None - ongoing	F
Facility Maintenance	Puyallup/Kit Corner Landfill Investigation & Remediation	Groundwater and landfill gas remediation. Leachate management involves improved surface water runoff and controls. Improved stream conditions of a tributary branch of Hylebos Creek.	Planned work to be completed by March, 1999.	F
Facility Maintenance	Houghton Landfill Investigation & Remediation	Groundwater and landfill gas remediation. Leachate management involves improved surface water runoff and controls. No known benefits or impacts to salmonids noted.	Complete planned work at the site and continue monitoring improvements.	F
Facility Maintenance	Vashon Landfill Final Closure	Placing an impermeable cap over landfill and providing additional storm water detention. Stormwater facilities to be designed to Level 2 criteria as required in the latest King County Surface Water Manual. Level 2 criteria more stringent than what is required by the State Fisheries Dept. Landfill site discharges to tributary of Judd Creek.	Storm water facilities to be upgraded in 1999. Impermeable cap to be constructed in 2000.	F
Programs	Waste Reduction and Recycling Program	Waste reduction and recycling programs reduce the amount of wastes generated, thereby reducing potential impacts of disposal practices. Recycling can reduce the use of virgin materials used, reducing habitat impacts	None - ongoing	F
Programs	Moderate Risk Waste Program	Moderate Risk Waste Programs provide education and alternatives for the handling of moderate risk wastes. These wastes, if improperly handled can negatively impact habitat	None - ongoing	F

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WASTEWATER SERVICES				
Reclaimed Water	Expand existing reclaimed water programs at the Renton East Wastewater Treatment Plant.	Reclaimed water program will be expanded to supplying nearby commercial facilities with reclaimed water for process and irrigation use. King County will commit to partnerships with other local governments near the Wastewater treatment plant to provide irrigation water for parks and recreational facilities.	Ongoing.	F
Reclaimed Water	Expand reclaimed water service to the Green/Duwamish Corridor	Projects build on efforts to reduce potable water consumption such uses as new baseball stadium irrigation with ground/storm water and King Street Building using stormwater/groundwater for toilet flushing. Location of treatment facility and pipeline would allow for reclaimed water use to support future projects on Harbor Island through the reclaimed water pipeline crossing the Duwamish Waterway.	Ongoing.	F
Reclaimed Water	Evaluate technologies to reduce the cost of reclaimed water and technologies to meet freshwater quality discharge standards.	In order to take advantages of all reclaimed water opportunities, King County is exploring alternative wastewater treatment processes that could supply reclaimed water in more remote area and at lower costs. In addition, King County will be examining treatment processes that will produce reclaimed water quality suitable for use in streamflow augmentation or aquifer recharge, providing additional opportunities to meet the needs of habitat protection and enhancement	Ongoing.	F
Reclaimed Water	Evaluate satellite treatment plants as a component of the strategy for meeting water supply and environmental needs.	Project will develop criteria for identifying and selecting sites for satellite reclaimed water plants and recommending preferred sites in partnership with the regional stakeholders. The reclaimed water satellite facilities will initially provide water supply to reduce existing demands, leaving more water available for the streams. Plant expansion may provide for direct discharge for streamflow augmentation and aquifer recharge. Initiating stakeholder process to insure that the reclaimed water strategy is developed and implemented in consultation with interested parties.	Ongoing.	F
Reclaimed Water	Participate with the cities and water supply organizations to develop a regional water supply plan that serves as a guide to water supply needs and opportunities.	Continue to provide leadership on regional water supply planning. This plan will be a necessary first step to completing all of King County's reclaimed water commitments to early action for endangered species. We cannot proceed with developing reclaimed water until the water supply plan for King County is initiated.	Ongoing.	F
PARKS AND RECREATION				
Maintenance	Best Management Practices (BMP)	The DPR is currently drafting a Request for Proposal to hire a consultant to create a manual in 1999 on Best Management Practices (BMPs) for the Maintenance and Facilities Division with employee training to follow in 2000.	Draft proposal.	N
Research	Compost as Fertilizer	The DPR Maintenance and Facilities Division is discussing a pilot research program with the King County Solid Waste Division to explore potential use of organic compost to replace the use of commercial fertilizer on park athletic fields.	Initiate project.	N
Code/Policy Changes	Guidelines for Development	The DPR and Department of Construction and Facilities Management is initiating the development of conceptual guidelines for future park natural areas and resource land development	Develop guidelines.	N
Code/Policy Changes	Review of Agreements	The DPR will review long term agreements to insure compatibility with salmon recovery and conservation issues.	Review agreements.	N

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